

What is claimed is:

1

2

3 1.

A control drive comprising

4

a housing (5),

5

a driven wheel (30),

6

an electric motor (9),

7

wherein the control drive (1) has a potentiometer (25).

8

9 2.

The control drive according to Claim 1,

10

wherein the potentiometer (25) serves to register a position of the driven

11

wheel (30).

12

13 3.

The control drive according to Claim 1,

14

wherein the electric motor (9) is coupled directly to the driven wheel (30)

15

that brings about an adjustment of the potentiometer (25),

16

the potentiometer (25) is located in a potentiometer housing (47),

17

the potentiometer housing (47) is located on the housing (5), and

18

the potentiometer housing (47) has at least one detent tooth (51).

19

20 4.

The control drive according to Claim 3,

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wherein the housing (5) has at least one detent projection (54), and

22

the at least one detent projection (54) having the at least one detent tooth

23

(51) of the potentiometer housing (47) forms a detent toothing (57).

24

25 5.

The control drive according to Claim 4,

26

wherein the potentiometer housing (47) is rotatable relative to the housing

27

(5) when the detent projection (54) and the detent tooth (51) form a detent

28

toothing (57).

29

30 6.

The control drive according to one or more of the Claims 3 through 5,

- 1 wherein at least one longitudinal hole (60) is located in the potentiometer
2 housing (47) in the vicinity of the at least one detent tooth (51).
3
- 4 7. The control drive according to Claim 1,
5 wherein the electric motor (9) has a rotor shaft (11), on the one end (12) of
6 which a worm gear (15) is located,
7 the worm gear (15) is coupled to a transverse worm (21) in the housing
8 (5), and
9 the transverse worm (21) meshes with the driven wheel (30).
10
- 11 8. The control drive according to Claim 1,
12 wherein the control drive (1) has electrical connections,
13 some of the electrical connections comprise electrical potentiometer
14 connections, and
15 the potentiometer connections (38) are designed at least partially similar
16 to a serpentine contour (64).
17
- 18 9. The control drive according to one or more of the Claims 1, 3 through 5,
19 wherein all parts to be installed in the housing (5) can be installed in the
20 housing (5) in a direction of installation (84).
21
- 22 10. The control drive according to one or more of the Claims 1, 3 or 7,
23 wherein the electric motor (9) can be inserted in the housing (5).
24
- 25 11. The control drive according to Claim 7,
26 wherein the transverse worm (21) can be inserted in the housing (5).
27
- 28 12. The control drive according to Claim 7,
29 wherein the axial play of the rotor shaft (11) is damped via a leaf spring
30 (18).
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